

Code No.: CS304PC

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
II-B.TECH-I-Semester End Examinations (Regular) - January- 2022
OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(Common to CSE & IT)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A

(20 Marks)

1. a) List all Java Buzzwords? [2M]
- b) Explain all Access specifiers? [2M]
- c) Write a syntax to access predefined packages? [2M]
- d) Differentiate character stream and byte stream? [2M]
- e) List all keywords used for Exception handling and write syntax? [2M]
- f) Write a program for Thread synchronization? [2M]
- g) Differentiate stack & Vector. [2M]
- h) Write a program for Random class? [2M]
- i) Outline various graphic methods used in AWT. [2M]
- j) What is applet & how to pass the parameters to Applets. [2M]

PART-B

(50 Marks)

2. List out the applications of OOPs. [10M]
- OR**
3. Classify various forms of Inheritance in Java with examples. [10M]
4. Explain in detail how to create & access packages in java? [10M]
- OR**
5. What is a stream? What is the difference between byte streams and character streams? How are they used to capture input from the user? [10M]
6. Build a java program which implements concepts of Exception handling with example? [10M]
- OR**
7. Differentiate Multithreading and Multitasking & explain Thread Lifecycle. [10M]
8. List all classes & interfaces available in Collection Framework and write the syntax of each? [10M]
- OR**
9. What is interface? How to create it and access it? Explain with example. [10M]
10. Discuss in detail about all AWT controls? [10M]
- OR**
11. Write a java program to implement JText field control. [10M]
